

L Number	Hits	Search Text	DB	Time stamp
1	2	"6436615"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 18:08
2	3656	viologen bipyridin\$5 dipyridin\$5	USPAT	2002/12/09 18:09
3	89	(viologen bipyridin\$5 dipyridin\$5 ) and per\$1sulfate	USPAT	2002/12/09 18:12
4	0	chloromethyl\$7 with vinyl near9 halide with (polyaniline polypyrrole pyrrole aniline)	USPAT	2002/12/09 18:29
5	10	vinyl near9 halide with (polyaniline polypyrrole pyrrole aniline)	USPAT	2002/12/09 18:27
6	0	( vinyl near9 halide with (polyaniline polypyrrole pyrrole aniline)) with per\$1sulfate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 18:26
7	2	( vinyl near9 halide with (polyaniline polypyrrole pyrrole aniline)) and per\$1sulfate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 18:26
8	320	(polyaniline polypyrrole pyrrole aniline) and (chloromethyl\$3 chloromethyl\$1phenyl chloromethyl\$1benzyl (vinyl near9 halide)) and per\$1sulfate	USPAT	2002/12/09 18:31
9	0	(polyaniline polypyrrole pyrrole aniline) same (chloromethyl\$3 chloromethyl\$1phenyl chloromethyl\$1benzyl (vinyl near9 halide)) same per\$1sulfate	USPAT	2002/12/09 18:31
10	2	(polyaniline polypyrrole pyrrole aniline) and (chloromethyl\$3 chloromethyl\$1phenyl chloromethyl\$1benzyl (vinyl near9 halide)) same per\$1sulfate	USPAT	2002/12/09 18:33
11	10	(polyaniline polypyrrole pyrrole aniline) same (chloromethyl\$3 chloromethyl\$1phenyl chloromethyl\$1benzyl (vinyl near9 halide)) and per\$1sulfate	USPAT	2002/12/09 18:43
12	31	(polyaniline polypyrrole pyrrole aniline) same coat\$5 same per\$1sulfate	USPAT	2002/12/09 18:44
13	2	(polyaniline polypyrrole pyrrole aniline) with coat\$5 with per\$1sulfate	USPAT	2002/12/09 18:46
14	0	(polyaniline polypyrrole pyrrole aniline) with polymeri\$8 with coat\$3 with per\$1sulfate	USPAT	2002/12/09 18:46
15	8024	dowex	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 19:33
16	71	dowex and (viologen bipyridin\$5 dipyridin\$5 )	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 19:33
17	2	dowex same quarterni\$9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 19:35
18	8	(radiation irradiat\$8) same quarterni\$9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 19:47
19	13	"3899534"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 20:00

20	19	"3754055"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 20:00
-	569	viologen	USPAT	2002/12/05 18:09
-	67	viologen near3 salt	USPAT	2002/11/18 13:51
-	1	(viologen near3 salt) near9 acid	USPAT	2002/11/18 13:52
-	0	(viologen near3 salt) same proton\$4 near3 acid	USPAT	2002/11/18 13:52
-	573	viologen	USPAT	2002/12/05 18:19
-	14	viologen near9 (graft\$4 covalent\$4 react\$6) near9 (substrate polymer\$4 surface)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/05 18:10
-	3097	viologen bipyridin\$5	USPAT	2002/12/05 18:24
-	335	(viologen bipyridin\$5) same (radiation irradiat\$5 UV light)	USPAT	2002/12/05 18:25
-	1	((viologen bipyridin\$5) same (radiation irradiat\$5 UV light)) same (electro\$1conductive (electrucally near3 conductive))	USPAT	2002/12/05 18:23
-	16	((viologen bipyridin\$5) same (radiation irradiat\$5 UV light)) same (electro\$1conductive (electrical\$4 near3 conductiv\$5))	USPAT	2002/12/06 09:10
-	3656	viologen bipyridin\$5 dipyrindin\$5	USPAT	2002/12/09 18:09
-	362	(viologen bipyridin\$5 dipyrindin\$5) same (radiation irradiat\$5 UV light)	USPAT	2002/12/05 18:34
-	18	((viologen bipyridin\$5 dipyrindin\$5) same (radiation irradiat\$5 UV light)) same (electro\$1conductive (electrical\$4 near3 conductiv\$5))	USPAT	2002/12/05 18:32
-	1	"4956444"	USPAT	2002/12/05 18:33
-	3410	(neoh kang ng sampanthar).in.	USPAT	2002/12/05 18:36
-	5	(viologen bipyridin\$5 dipyrindin\$5) and ((neoh kang ng sampanthar).in.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/05 18:36
-	65	(viologen bipyridin\$5 dipyrindin\$5) near9 (radiation irradiat\$5 UV light)	USPAT	2002/12/05 19:03
-	19	(viologen bipyridin\$5 dipyrindin\$5) near9 (radiation irradiat\$5 UV light)) near9 (cation\$2 dication\$2)	USPAT	2002/12/05 18:37
-	7		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/05 18:57
-	0	(polyvinyl near3 chloride) same ((viologen bipyridin\$5 dipyrindin\$5) near9 (radiation irradiat\$5 UV light))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/05 19:02
-	43	polyaniline same (viologen bipyridin\$5 dipyrindin\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/05 19:04
-	17	(polyaniline same (viologen bipyridin\$5 dipyrindin\$5)) same (radiation irradiat\$5 UV light)	USPAT	2002/12/05 19:03
-	16	polyaniline near9 (viologen bipyridin\$5 dipyrindin\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/05 19:04
-	3656	viologen bipyridin\$5 dipyrindin\$5	USPAT	2002/12/06 11:07
-	755	(viologen bipyridin\$5 dipyrindin\$5 ) and (radiation irradiat\$5 UV light) near9 (react\$9 graft\$9 bond\$5 complex\$7)	USPAT	2002/12/06 09:18
-	72	(viologen bipyridin\$5 dipyrindin\$5 ) and (radiation irradiat\$5 UV light) near9 (react\$9 graft\$9 bond\$5 complex\$7) near9 (polymer\$2 polyethylene polystyrene polyester)	USPAT	2002/12/06 09:17
-	0	(viologen bipyridin\$5 dipyrindin\$5 ) near9 radiation near9 graft\$4	USPAT	2002/12/06 09:18

-	0	(viologen bipyridin\$5 dipyridin\$5 ) same radiation near9 graft\$4	USPAT	2002/12/06 09:18
-	15	(viologen bipyridin\$5 dipyridin\$5 ) near9 (radiation irradiat\$5 UV light) near9 (react\$9 graft\$9 bond\$5 complex\$7)	USPAT	2002/12/06 09:20
-	2	(viologen bipyridin\$5 dipyridin\$5 ) near9 (radiation irradiat\$5 UV light) near9 (react\$9 graft\$9 bond\$5 ionic)	USPAT	2002/12/06 09:22
-	0	(viologen bipyridin\$5 dipyridin\$5 ) near9 (radiation irradiat\$5 UV light) near9 ((gas\$6 solid) near4 phase)	USPAT	2002/12/06 09:23
-	0	(viologen bipyridin\$5 dipyridin\$5 ) near9 (radiation irradiat\$5 UV light) near9 (mixture blend) near9 polymer\$2	USPAT	2002/12/06 09:24
-	0	(viologen bipyridin\$5 dipyridin\$5 ) near9 (radiation irradiat\$5 UV light) near9 (mix\$6 blend\$4 dop\$4) near9 polymer\$2	USPAT	2002/12/06 09:25
-	20	(viologen bipyridin\$5 dipyridin\$5 ) same (radiation irradiat\$5 UV light) same (mix\$6 blend\$4 dop\$4) same polymer\$2	USPAT	2002/12/06 09:33
-	0	(viologen bipyridin\$5 dipyridin\$5 ) same (radiation irradiat\$5 UV light) near9 graft\$4	USPAT	2002/12/06 09:34
-	15	(viologen bipyridin\$5 dipyridin\$5 ) and (radiation irradiat\$5 UV light) near9 graft\$4	USPAT	2002/12/06 09:34
-	2	(viologen bipyridin\$5 dipyridin\$5 ) and (radiation irradiat\$5 UV) near9 (induced inducing) near9 graft\$4	USPAT	2002/12/06 09:36
-	0	(viologen bipyridin\$5 dipyridin\$5 ) near9 (radiation irradiat\$5 UV) near9 (induced inducing) near9 polymer\$2	USPAT	2002/12/06 09:39
-	1	(viologen bipyridin\$5 dipyridin\$5 ) near9 (radiation irradiat\$5 UV) near9 polymer\$2	USPAT	2002/12/06 09:37
-	200	(radiation irradiat\$5 UV) near9 (induced inducing) near9 graft\$4	USPAT	2002/12/06 09:49
-	0	(( radiation irradiat\$5 UV) near9 (induced inducing) near9 graft\$4) near9 (chloromethyl\$9 (benzil near5 chloride) (chloro\$1 benzene))	USPAT	2002/12/06 09:42
-	1	(( radiation irradiat\$5 UV) near9 (induced inducing) near9 graft\$4) near9 (quarternary near3 amin\$7)	USPAT	2002/12/06 09:48
-	1	(radiation irradiat\$5 UV) near9 ((polymer\$2 surface substrate) near9 (introduc\$4 graft\$4 insert\$5) near9 (quarternary near3 amin\$7) )	USPAT	2002/12/06 09:50
-	6	(polymer\$2 surface substrate) near9 (introduc\$4 graft\$4 insert\$5) near9 (quarternary near3 amin\$7)	USPAT	2002/12/06 09:55
-	0	(halomethyl\$6 chloromethyl\$6) near9 (radiat\$6 irradiat\$9 UV light) near9 (quarternary near3 amin\$7)	USPAT	2002/12/06 09:57
-	1	(radiation irradiat\$5 UV) near9 (introduc\$4 graft\$4 insert\$5) near9 (quarternary near3 amin\$7)	USPAT	2002/12/06 09:54
-	1	(radiation irradiat\$5 UV) near9 (quarternary near3 amin\$7)	USPAT	2002/12/06 09:55
-	16	"3779906"	USPAT	2002/12/06 09:55
-	0	(halomethyl\$6 chloro\$1 methyl\$6) same (radiat\$6 irradiat\$9 UV light) same (quarternary near3 amin\$7)	USPAT	2002/12/06 09:58
-	7	(halomethyl\$6 chloro\$1 methyl\$6) near9 (radiat\$6 irradiat\$9 UV light) near9 amin\$7	USPAT	2002/12/06 10:19
-	3	(halomethyl\$6 chloro\$1 methyl\$6) near9 (radiat\$6 irradiat\$9 UV light) same amin\$7 near9 (introduc\$4 bond\$4 graft\$4 modif\$9 exchang\$4)	USPAT	2002/12/06 10:06
-	1	(halomethyl\$6 chloro\$1 methyl\$6) near9 (radiat\$6 irradiat\$9 UV light) same aminated	USPAT	2002/12/06 10:06
-	7	(halomethyl\$6 chloro\$1 methyl\$6) same (radiat\$6 irradiat\$9 UV light) same aminated	USPAT	2002/12/06 10:08
-	7	(halomethyl\$6 chloro\$1 methyl\$6) same (radiat\$6 irradiat\$9 UV light) same amin\$9 near5 tertiary	USPAT	2002/12/06 10:08
-	1	(halomethyl\$6 chloro\$1 methyl\$6) near9 (radiat\$6 irradiat\$9 UV light) near9 (surface near5 (polymer\$2 substrate))	USPAT	2002/12/06 10:21
-	13	(halo\$1 methyl\$6 chloro\$1 methyl\$6) same (radiat\$6 irradiat\$9 UV light) same (surface near5 (polymer\$2 substrate))	USPAT	2002/12/06 10:34
-	1	photoreactive near9 chloromethylphenyl	USPAT	2002/12/06 10:24
-	3	"5648201"	USPAT	2002/12/06 10:35
-	144	(halomethyl\$6 chloro\$1 methyl\$6) same (radiat\$6 irradiat\$9 UV light) same amin\$7	USPAT	2002/12/06 10:52
-	7	(halomethyl\$6 chloro\$1 methyl\$6) same (radiat\$6 irradiat\$9 UV light) same ((tertiary quarternary) near4 amin\$7)	USPAT	2002/12/06 10:38
-	71	(halomethyl\$6 chloro\$1 methyl\$6) same (radiat\$6 irradiat\$9 UV) same amin\$7	USPAT	2002/12/06 11:07

-	22	(halomethyl\$6 chloro\$1methyl\$6) same (radiat\$6 irradiat\$9 UV) same	USPAT	2002/12/06 11:09
-	5477	(pyridin\$4 viologen bipyridin\$5 dipyridin\$5) polyaniline	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 11:55
-	117317	viologen bipyridin\$5 dipyridin\$5 pyridin\$4	USPAT	2002/12/06 11:47
-	103	polyaniline same (viologen bipyridin\$5 dipyridin\$5 pyridin\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 11:47
-	31	polyaniline near9 (viologen bipyridin\$5 dipyridin\$5 pyridin\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 11:45
-	19	(polyaniline same (viologen bipyridin\$5 dipyridin\$5 pyridin\$4)) same (doped graft\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 11:55
-	3656	viologen bipyridin\$5 dipyridin\$5	USPAT	2002/12/06 11:47
-	2	(polyaniline same (viologen bipyridin\$5 dipyridin\$5 )) same (doped graft\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 11:47
-	43	polyaniline same (viologen bipyridin\$5 dipyridin\$5 )	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 11:48
-	114068	polyaniline pan pani	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 12:13
-	978	(polyaniline pan pani) near9 (doped graft\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 11:56
-	6202	(polyaniline pan pani) near9 (doped mix\$7 blend\$4 graft\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 11:56
-	110	((polyaniline pan pani) near9 (doped mix\$7 blend\$4 graft\$4)) and (viologen bipyridin\$5 dipyridin\$5 )	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 11:58
-	3	((polyaniline pan pani) near9 (doped mix\$7 blend\$4 graft\$4)) same (viologen bipyridin\$5 dipyridin\$5 )	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 11:57

-	10	((polyaniline pan pani) near9 (doped graft\$4)) and (viologen bipyridin\$5 dipyridin\$5 )	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 12:09
-	17	(viologen bipyridin\$5 dipyridin\$5 ) near9 (polyaniline pan pani)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 12:10
-	5	(viologen bipyridin\$5 dipyridin\$5 ) same (polyaniline pan pani) same (mix\$9 blend\$5 dope\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 12:14
-	83858	polyaniline aniline pyrrole polypyrrole	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 12:14
-	0	((polyaniline aniline pyrrole polypyrrole) near9 (viologen bipyridin\$5 dipyridin\$5 )) near9 (mix\$9 blend\$5 dope\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 12:15
-	79	(polyaniline aniline pyrrole polypyrrole) near9 (viologen bipyridin\$5 dipyridin\$5 )	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 12:27
-	1	((polyaniline aniline pyrrole polypyrrole) near9 (viologen bipyridin\$5 dipyridin\$5 )) same (dication cation)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 12:17
-	10	((polyaniline aniline pyrrole polypyrrole) near9 (viologen bipyridin\$5 dipyridin\$5 )) same (electron reduc\$6 oxidat\$8)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 12:28
-	246	(polyaniline aniline pyrrole polypyrrole) same (viologen bipyridin\$5 dipyridin\$5 )	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 12:28
-	39	((polyaniline aniline pyrrole polypyrrole) same (viologen bipyridin\$5 dipyridin\$5 )) same (electron reduc\$6 oxidat\$8)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 12:28
-	29	((polyaniline aniline pyrrole polypyrrole) same (viologen bipyridin\$5 dipyridin\$5 )) same (electron reduc\$6 oxidat\$8)) not (((polyaniline aniline pyrrole polypyrrole) near9 (viologen bipyridin\$5 dipyridin\$5 )) same (electron reduc\$6 oxidat\$8))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 12:52
-	650	electr\$9 near6 conductive same electron near9 (transfer\$4 shift\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 12:55

-	202	(electro\$1conductive (electrically near2 conductive)) near9 electron near9 (transfer\$4 shift\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 12:57
-	4	((electro\$1conductive (electrically near2 conductive)) near9 electron near9 (transfer\$4 shift\$4)) same (polyaniline aniline pyrrole polypyrrole)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 13:05
-	1	"4818646" and (viologen bipyridin\$5 dipyridin\$5 )	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 13:04
-	28	((electro\$1conductive (electrically near2 conductive)) near9 electron near9 (transfer\$4 shift\$4)) and (polyaniline aniline pyrrole polypyrrole)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 14:18
-	17	"5016063"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 19:38
-	4657	laser same UV same (length wavelength)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 19:00
-	1699	laser near9 UV near9 (length wavelength)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 19:01
-	1613	laser near9 UV near9 wavelength	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 19:07
-	366	33.ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 19:05
-	219	laser adj light near9 UV near9 wavelength	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 19:08
-	0	(laser adj light near9 UV near9 wavelength) near9 (electron near5 transfer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 19:07
-	1	(laser adj light near9 UV near9 wavelength) and (electron near5 transfer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 19:08

-	12	laser adj light near9 UV and (electron near5 transfer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 20:09
-	11	low near3 energy near9 radiation same laser near9 uv	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 19:50
-	67	(millijoule joule) same laser near9 uv	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 19:51
-	3	"20" near2 (millijoule joule) same laser near9 uv	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 19:53
-	2	"20" near2 (milli\$1joule micro\$1joule joule) same laser near9 uv	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 19:54
-	2	"20" near2 (milli\$1joule micro\$1joule joule) same laser near9 uv	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 19:54
-	9	(milli\$1joule micro\$1joule joule) near9 laser near9 uv	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 20:07
-	0	(milli\$1joule micro\$1joule joule) near9 cm same laser near9 uv	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 19:59
-	51	(milli\$1joule micro\$1joule joule) same laser near9 uv	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 20:14
-	5	"5338393"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 20:09
-	5	(milli\$1joule micro\$1joule joule) near9 centimeter same laser near9 uv	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 20:31
-	37	reduc\$4 same (viologen bipyridin\$5 dipyridin\$5 ) same (edta aniline polyaniline pyrrole polypyrrole)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 20:33

-	0	reduc\$4 same (viologen bipyridin\$5 dipyridin\$5 ) same edta near9 (aniline polyaniline pyrrole polypyrrole)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 20:34
-	1	reduc\$4 same edta near9 (aniline polyaniline pyrrole polypyrrole)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 20:34
-	0	(viologen bipyridin\$5 dipyridin\$5 ) same edta near9 (aniline polyaniline pyrrole polypyrrole)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 20:35
-	2	(viologen bipyridin\$5 dipyridin\$5 ) and edta same (aniline polyaniline pyrrole polypyrrole)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 20:36
-	182	(radiation irradiat\$4 uv light) same (aniline polyaniline pyrrole polypyrrole) near9 (electron donor reduc\$9)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 20:37
-	69	(radiation irradiat\$4 uv light) near9 (aniline polyaniline pyrrole polypyrrole) near9 (electron donor reduc\$9)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 21:00
-	29	(radiation irradiat\$4 uv light) near9 (aniline polyaniline pyrrole polypyrrole) near9 (donor reduc\$9)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 20:43
-	85	(radiation irradiat\$4 uv light) same (aniline polyaniline pyrrole polypyrrole) same (donor reduc\$9) same (acceptor oxidat\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 20:45
-	13	((radiation irradiat\$4 uv light) same (aniline polyaniline pyrrole polypyrrole) same (donor reduc\$9) same (acceptor oxidat\$)) same (doped dopant doping)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 20:46
-	102	(radiation irradiat\$4 uv light) near9 (aniline polyaniline pyrrole polypyrrole) near9 (oxid\$5 donor reduc\$9)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 21:03
-	80	(radiation irradiat\$4 uv light) near9 (aniline polyaniline pyrrole polypyrrole) near9 (oxid\$5 donor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 21:04
-	19	(radiation irradiat\$4 uv) near9 (aniline polyaniline pyrrole polypyrrole) near9 (oxid\$5 donor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 21:06



-	16	(radiation irradiat\$4 uv) same (aniline polyaniline pyrrole polypyrrole) same (donor (reducing near2 gent))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 08:27
-	3656	viologen bipyridin\$5 dipyrudin\$5	USPAT	2002/12/09 08:26
-	1073	(viologen bipyridin\$5 dipyrudin\$5 ) and electrode	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 08:27
-	238	(radiation irradiat\$4 uv) and (aniline polyaniline pyrrole polypyrrole) and ((viologen bipyridin\$5 dipyrudin\$5 ) and electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 08:59
-	1	((radiation irradiat\$4 uv) and (aniline polyaniline pyrrole polypyrrole) and ((viologen bipyridin\$5 dipyrudin\$5 ) and electrode)) and polyethylene near9 low near9 density	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 08:32
-	121	((radiation irradiat\$4 uv) and (aniline polyaniline pyrrole polypyrrole) and ((viologen bipyridin\$5 dipyrudin\$5 ) and electrode)) and polyethylene	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 08:36
-	150	((radiation irradiat\$4 uv) and (aniline polyaniline pyrrole polypyrrole) and ((viologen bipyridin\$5 dipyrudin\$5 ) and electrode)) and (photo\$1conductive electro\$1conductive conductive)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 08:36
-	74	((((radiation irradiat\$4 uv) and (aniline polyaniline pyrrole polypyrrole) and ((viologen bipyridin\$5 dipyrudin\$5 ) and electrode)) and (photo\$1conductive electro\$1conductive conductive)) and polyethylene	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 08:44
-	45	(viologen bipyridin\$5 dipyrudin\$5 ) same (polyethylene polymer\$4 substrate polyaniline aniline pyrrole polypyrrole) near9 (coat\$4 cast\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 08:49
-	21	(viologen bipyridin\$5 dipyrudin\$5 ) same (polyethylene polymer\$4 polystyrene polyaniline aniline pyrrole polypyrrole) near9 (coat\$4 cast\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 08:50
-	9	(radiation irradiat\$4 uv) and (aniline polyaniline pyrrole polypyrrole) same (viologen bipyridin\$5 dipyrudin\$5 ) same (coat\$4 cast\$3 laminat\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 09:01
-	396	(viologen bipyridin\$5 dipyrudin\$5 ) and (quinone tcnq)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 09:42
-	81	(viologen bipyridin\$5 dipyrudin\$5 ) same (quinone tcnq)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 09:42

-	128	(viologen bipyridin\$5 dipyridin\$5 ) same (benzoquinone naphth\$1quinone\$1 quinone tcnq)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 09:43
-	56	(viologen bipyridin\$5 dipyridin\$5 ) near9 (benzoquinone naphth\$1quinone\$1 quinone tcnq)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 09:45
-	3	((viologen bipyridin\$5 dipyridin\$5 ) near9 (benzoquinone naphth\$1quinone\$1 quinone tcnq)) near9 acceptor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 09:46
-	69	(viologen bipyridin\$5 dipyridin\$5 ) near9 (benzoquinone naphth\$1quinone\$1 quinone tcnq anthraquinone)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 09:51
-	4	((viologen bipyridin\$5 dipyridin\$5 ) near9 (benzoquinone naphth\$1quinone\$1 quinone tcnq anthraquinone)) near9 acceptor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 09:46
-	82	(viologen bipyridin\$5 dipyridin\$5 ) near15 (benzoquinone naphth\$1quinone\$1 quinone tcnq anthraquinone)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 09:52
-	6	(viologen bipyridin\$5 dipyridin\$5 ) with (benzoquinone naphth\$1quinone\$1 quinone tcnq anthraquinone) with acceptor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 09:52
-	3656	viologen bipyridin\$5 dipyridin\$5	USPAT	2002/12/09 12:54
-	50	(viologen bipyridin\$5 dipyridin\$5 ) with acceptor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 12:54
-	0	((viologen bipyridin\$5 dipyridin\$5 ) with acceptor) same "in situ"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 13:04
-	40	(halogen\$2methyl chloro\$1methyl) same (viologen bipyridin\$5 dipyridin\$5 )	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 13:06
-	22	(halogen\$2methyl chloro\$1methyl) with (viologen bipyridin\$5 dipyridin\$5 )	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 13:42
-	55	gas\$9 near9 salt near9 chloride near9 amine	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 13:28

-	0	gas\$9 near9 salt near9 (chloromethyl chlorobenzyl (benzyl near4 chloride)) near9 amine	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 13:30
-	4	gas\$9 with (chloromethyl chlorobenzyl (benzyl near4 chloride)) near9 amine	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 13:31
-	37	(gas\$9 solid) with (chloromethyl chlorobenzyl (benzyl near4 chloride)) near9 amine	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 13:33
-	0	((gas\$9 solid) with (chloromethyl chlorobenzyl (benzyl near4 chloride)) near9 amine) same quarternary	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 13:33
-	1	(gas\$9 solid) with (chloromethyl chlorobenzyl (benzyl near4 chloride)) with quarternary	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 13:35
-	0	(gas\$9 solid) with (chloromethyl chlorobenzyl (benzyl near4 chloride)) with facilitat\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 13:35
-	0	(chloromethyl chlorobenzyl (benzyl near4 chloride)) with facilitat\$4 with (heat radiation irradiat\$9 uv)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 13:36
-	415	(chloromethyl chlorobenzyl (benzyl near4 chloride)) with (heat radiation irradiat\$9 uv)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 13:46
-	1	((chloromethyl chlorobenzyl (benzyl near4 chloride)) with (heat radiation irradiat\$9 uv)) with (amino near9 polymer\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 13:38
-	3	((chloromethyl chlorobenzyl (benzyl near4 chloride)) with (heat radiation irradiat\$9 uv)) with (amino near9 (surface sustrate polymer\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 13:41
-	4	(chloromethylated near9 (polystyrene polymer\$4 surface substrate)) with (vapo\$1r gas\$9) with amin\$9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 13:46
-	0	chloromethylated near9 polystyrene near9 facilitat\$8 near9 (heat radiation irradiat\$9 uv)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 13:47

-	22	chloromethylated near9 polystyrene near9 (heat radiation irradiat\$9 uv)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 13:50
-	0	chloromethylated near9 polystyrene with (heat radiation irradiat\$9 uv) with (air vacuum) with (amine pyridine (viologen bipyridin\$5 dipyridin\$5 ))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 13:53
-	0	chloromethylated near9 polystyrene with (air vacuum) with (amine pyridine (viologen bipyridin\$5 dipyridin\$5 ))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 13:54
-	0	(chloromethylated chloromethyl\$1phenyl chloromethyl\$1benzyl) with (air vacuum) with (amine pyridine (viologen bipyridin\$5 dipyridin\$5 ))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 13:57
-	413	(chloromethylated chloromethyl\$1phenyl chloromethyl\$1benzyl) with (amine pyridine (viologen bipyridin\$5 dipyridin\$5 ))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 13:57
-	3	(chloromethylated chloromethyl\$1phenyl chloromethyl\$1benzyl) with (viologen bipyridin\$5 dipyridin\$5 )	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 13:59
-	65	(chloromethylated chloromethyl\$1phenyl chloromethyl\$1benzyl) with (heat radiation irradiat\$9 uv)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 14:08
-	12	((chloromethylated chloromethyl\$1phenyl chloromethyl\$1benzyl) with (heat radiation irradiat\$9 uv) ) with (amin\$9 pyridine (viologen bipyridin\$5 dipyridin\$5 ))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 14:05
-	1	(chloromethylated chloromethyl\$1phenyl chloromethyl\$1benzyl) with (gas\$9 vapo\$1r\$4) near5 ammonia	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 14:07
-	2	((chloromethylated chloromethyl\$1phenyl chloromethyl\$1benzyl) with (heat radiation irradiat\$9 uv) ) with salt	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 18:29

L Number	Hits	Search Text	DB	Time stamp
1	2	"6436615"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 18:08
2	3656	viologen bipyridin\$5 dipyridin\$5	USPAT	2002/12/09 18:09
3	89	(viologen bipyridin\$5 dipyridin\$5 ) and per\$1sulfate	USPAT	2002/12/09 18:12
4	0	chloromethyl\$7 with vinyl near9 halide with (polyaniline polypyrrole pyrrole aniline)	USPAT	2002/12/09 18:29
5	10	vinyl near9 halide with (polyaniline polypyrrole pyrrole aniline)	USPAT	2002/12/09 18:27
6	0	( vinyl near9 halide with (polyaniline polypyrrole pyrrole aniline)) with per\$1sulfate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 18:26
7	2	( vinyl near9 halide with (polyaniline polypyrrole pyrrole aniline)) and per\$1sulfate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 18:26
8	320	(polyaniline polypyrrole pyrrole aniline) and (chloromethyl\$3 chloromethyl\$1phenyl chloromethyl\$1benzyl (vinyl near9 halide)) and per\$1sulfate	USPAT	2002/12/09 18:31
9	0	(polyaniline polypyrrole pyrrole aniline) same (chloromethyl\$3 chloromethyl\$1phenyl chloromethyl\$1benzyl (vinyl near9 halide)) same per\$1sulfate	USPAT	2002/12/09 18:31
10	2	(polyaniline polypyrrole pyrrole aniline) and (chloromethyl\$3 chloromethyl\$1phenyl chloromethyl\$1benzyl (vinyl near9 halide)) same per\$1sulfate	USPAT	2002/12/09 18:33
11	10	(polyaniline polypyrrole pyrrole aniline) same (chloromethyl\$3 chloromethyl\$1phenyl chloromethyl\$1benzyl (vinyl near9 halide)) and per\$1sulfate	USPAT	2002/12/09 18:43
12	31	(polyaniline polypyrrole pyrrole aniline) same coat\$5 same per\$1sulfate	USPAT	2002/12/09 18:44
13	2	(polyaniline polypyrrole pyrrole aniline) with coat\$5 with per\$1sulfate	USPAT	2002/12/09 20:56
14	0	(polyaniline polypyrrole pyrrole aniline) with polymeri\$8 with coat\$3 with per\$1sulfate	USPAT	2002/12/09 18:46
15	8024	dowex	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 19:33
16	71	dowex and (viologen bipyridin\$5 dipyridin\$5 )	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 19:33
17	2	dowex same quarterni\$9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 19:35
18	8	(radiation irradiat\$8) same quarterni\$9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 19:47
19	13	"3899534"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 20:00

20	19	"3754055"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 20:31
22	1	vinyl near4 (alkyl aryl benzyl) near4 halide near9 graft\$5 near9 (radiation uv irradiat\$9)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 20:37
23	13	vinyl near4 (alkyl aryl benzyl) near4 halide near9 graft\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 20:36
24	48	vinyl near4 (alkyl aryl benzyl) near4 halide with (graft\$5 introduc\$9)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 20:39
25	4	(vinyl near4 (alkyl aryl benzyl) near4 halide with (graft\$5 introduc\$9)) with (radiation uv irradiat\$9)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 20:40
26	5	vinyl near4 halide with (graft\$5 introduc\$9) with (radiation uv irradiat\$9)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/09 20:40
27	90	aniline with polymeri\$9 with per\$1 sulfate	USPAT	2002/12/09 20:57
28	0	(aniline with polymeri\$9 with per\$1 sulfate ) with coat\$4	USPAT	2002/12/09 20:59
29	65	aniline near9 polymeri\$9 near9 per\$1 sulfate	USPAT	2002/12/09 20:57
30	2	(aniline with polymeri\$9 with per\$1 sulfate ) with (acceptor dop\$7)	USPAT	2002/12/09 21:00
31	4	(aniline with polymeri\$9 with per\$1 sulfate ) and (viologen bipyridin\$5 dipyridin\$5 )	USPAT	2002/12/09 21:00